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#4 Search Balligand and cardiac and endothelium and 1997	17:44:11	<u>3</u>
#3 Search Balligand and cardiac and endothelium	17:44:01	<u>14</u>
#2 Search Balligand and cardiac	17:43:55	<u>42</u>
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August 1, 2003
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NEWS 10 AUG 15 PATDPAFULL: one FREE connect hour, per account, in
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NEWS 17 AUG 18 Simultaneous left and right truncation added to ANABSTR
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FILE 'BIOSIS' ENTERED AT 17:19:54 ON 30 SEP 2003

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=> s ((zhou m?) or (zhou, m?))/au

L1 3884 ((ZHOU M?) OR (ZHOU, M?))/AU

=> s l1 and neuregulin

L2 17 L1 AND NEUREGULIN

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 8 DUP REM L2 (9 DUPLICATES REMOVED)

=> d l3 1-8

L3 ANSWER 1 OF 8 MEDLINE on STN DUPLICATE 1
AN 2003373557 IN-PROCESS
DN 22756867 PubMed ID: 12874607
TI Association study of **neuregulin** 1 gene with schizophrenia.
AU Yang J Z; Si T M; Ruan Y; Ling Y S; Han Y H; Wang X L; **Zhou M**;
Zhang H Y; Kong Q M; Liu C; Zhang D R; Yu Y Q; Liu S Z; Ju G Z; Shu L; Ma
D L; Zhang D
CS Institute of Mental Health, Peking University, Beijing 100083, China.
SO MOLECULAR PSYCHIATRY, (2003 Jul) 8 (7) 706-9.
Journal code: 9607835. ISSN: 1359-4184.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20030812
Last Updated on STN: 20030812

L3 ANSWER 2 OF 8 MEDLINE on STN DUPLICATE 2
AN 2002486406 MEDLINE
DN 22233215 PubMed ID: 12145742
TI **Neuregulin** 1 and susceptibility to schizophrenia.
AU Stefansson Hreinn; Sigurdsson Engilbert; Steinthorsdottir Valgerdur;
Bjornsdottir Soley; Sigmundsson Thordur; Ghosh Shyamali; Brynjolfsson Jon;
Gunnarsdottir Steinunn; Ivarsson Omar; Chou Thomas T; Hjaltason Omar;
Birgisdottir Birgitta; Jonsson Helgi; Gudnadottir Vala G; Gudmundsdottir
Elsa; Bjornsson Asgeir; Ingvarsson Brynjolfur; Ingason Andres; Sigfusson
Sigmundur; Hardardottir Hronn; Harvey Richard P; Lai Donna; **Zhou**
Mingdong; Brunner Daniela; Mutel Vincent; Gonzalo Acuna; Lemke Greg;
Sainz Jesus; Johannesson Gardar; Andresson Thorkell; Gudbjartsson Daniel;
Manolescu Andrei; Frigge Michael L; Gurney Mark E; Kong Augustine; Gulcher

Jeffrey R; Petursson Hannes; Stefansson Kari
 CS deCODE Genetics, Reykjavik, Iceland.. kstefans@decode.is
 SO AMERICAN JOURNAL OF HUMAN GENETICS, (2002 Oct) 71 (4) 877-92.
 Journal code: 0370475. ISSN: 0002-9297.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AF491780; GENBANK-BK000383; OMIM-142445; OMIM-181500; OMIM-603013
 EM 200210
 ED Entered STN: 20020926
 Last Updated on STN: 20030105
 Entered Medline: 20021028

L3 ANSWER 3 OF 8 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:627293 BIOSIS
 DN PREV200200627293
 TI **Neuregulin** 1 and susceptibility to schizophrenia.
 AU Stefansson, H. (1); Sigurdsson, E.; Steinhorsdottir, V. (1);
 Bjornsdottir, S. (1); Sigmundsson, T.; Ghosh, S. (1); Brynjolfsson, J.;
 Gunnarsdottir, S. (1); Ivarsson, O.; Chou, T. T. (1); Hjaltason, O.;
 Birgisdottir, B. (1); Jonsson, H.; Gudnadottir, V. G. (1); Gudmundsdottir,
 E.; Bjornsson, A. (1); Ingvarsson, B.; Ingason, A. (1); Sigfusson, S.;
 Hardardottir, H.; Harvey, R. P.; Lai, D.; **Zhou, M.**; Brunner, D.;
 Mutel, V.; Gonzalo, A.; Lemke, G.; Sainz, J. (1); Johannesson, G. (1);
 Andresson, T. (1); Gudbjartsson, D. (1); Manolescu, A. (1); Frigge, M. L.
 (1); Gurney, M. E. (1); Kong, A. (1); Gulcher, J. R. (1); Petursson, H.;
 Stefansson, K. (1)
 CS (1) DeCODE Genetics, Reykjavik Iceland
 SO American Journal of Medical Genetics, (October 8, 2002) Vol. 114, No. 7,
 pp. 747. <http://www.interscience.wiley.com/jpages/0148-7299/>. print.
 Meeting Info.: Xth World Congress of Psychiatric Genetics Brussels,
 Belgium October 09-13, 2002 International Society of Psychiatric Genetics
 . ISSN: 0148-7299.
 DT Conference
 LA English

L3 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:441643 CAPLUS
 DN 133:54117
 TI Cardiac muscle function and manipulation using **neuregulin** or
neuregulin polypeptides, derivatives, and mimics
 IN **Zhou, Mingdong**
 PA The Victor Chang Cardiac Research Institute, Australia
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1158998	A1	20011205	EP 1999-967856	19991221

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI AU 1998-7850 A 19981221
 WO 1999-AU1137 W 19991221
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:436709 CAPLUS
 DN 135:71647
 TI Application of growth factor **neuregulin** and its analogs
 IN Qiu, Liequn; **Zhou, Mingdong**
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L3 ANSWER 6 OF 8 MEDLINE on STN DUPLICATE 3
 AN 2000065180 MEDLINE
 DN 20065180 PubMed ID: 10597312
 TI Gamma-hergulin: a fusion gene of DOC-4 and **neuregulin-1** derived from a chromosome translocation.
 AU Liu X; Baker E; Eyre H J; Sutherland G R; **Zhou M**
 CS Victor Chang Cardiac Research Institute, Darlinghurst, NSW, Australia.
 SO ONCOGENE, (1999 Nov 25) 18 (50) 7110-4.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200001
 ED Entered STN: 20000114
 Last Updated on STN: 20000114
 Entered Medline: 20000104

L3 ANSWER 7 OF 8 MEDLINE on STN DUPLICATE 4
 AN 1999069430 MEDLINE
 DN 99069430 PubMed ID: 9852099
 TI Release of the **neuregulin** functional polypeptide requires its cytoplasmic tail.
 AU Liu X; Hwang H; Cao L; Wen D; Liu N; Graham R M; **Zhou M**
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Dec 18) 273 (51) 34335-40.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199901
 ED Entered STN: 19990209
 Last Updated on STN: 20000303
 Entered Medline: 19990126

L3 ANSWER 8 OF 8 MEDLINE on STN DUPLICATE 5
 AN 1999007260 MEDLINE

DN 99007260 PubMed ID: 9789034
 TI Domain-specific gene disruption reveals critical regulation of
neuregulin signaling by its cytoplasmic tail.
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham
 R M; **Zhou M**
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,
 Darlinghurst, New South Wales 2010, Australia.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (1998 Oct 27) 95 (22) 13024-9.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199811
 ED Entered STN: 19990106
 Last Updated on STN: 20000303
 Entered Medline: 19981124

=> s 13 and "cardiac muscle"
 L4 1 L3 AND "CARDIAC MUSCLE"

=> d 14

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:441643 CAPLUS
 DN 133:54117
 TI **Cardiac muscle** function and manipulation using
neuregulin or **neuregulin** polypeptides, derivatives, and
 mimics
 IN **Zhou, Mingdong**
 PA The Victor Chang Cardiac Research Institute, Australia
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 13 and "remodeling"
 L5 0 L3 AND "REMODELING"

=> s 13 and "muscle cell"
L6 1 L3 AND "MUSCLE CELL"

=> d 16

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:441643 CAPLUS
DN 133:54117
TI Cardiac muscle function and manipulation using **neuregulin** or
neuregulin polypeptides, derivatives, and mimics
IN **Zhou, Mingdong**
PA The Victor Chang Cardiac Research Institute, Australia
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				
	CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				
	IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				
	MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
	SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP	1158998	A1	20011205	EP 1999-967856	19991221
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 13 and sarcomeric
L7 0 L3 AND SARCOMERIC

=> s 13 and cytoskeleton
L8 1 L3 AND CYTOSKELETON

=> d 18

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:436709 CAPLUS
DN 135:71647
TI Application of growth factor **neuregulin** and its analogs
IN Qiu, Liequn; **Zhou, Mingdong**
PA Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

=> s 13 and cell
L9 5 L3 AND CELL

=> dup rem 19
PROCESSING COMPLETED FOR L9
L10 5 DUP REM L9 (0 DUPLICATES REMOVED)

=> d 110 1-5

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:441643 CAPLUS
DN 133:54117
TI Cardiac muscle function and manipulation using **neuregulin** or
neuregulin polypeptides, derivatives, and mimics
IN **Zhou, Mingdong**
PA The Victor Chang Cardiac Research Institute, Australia
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:436709 CAPLUS
DN 135:71647
TI Application of growth factor **neuregulin** and its analogs
IN Qiu, Liequn; **Zhou, Mingdong**
PA Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L10 ANSWER 3 OF 5 MEDLINE on STN
AN 2000065180 MEDLINE
DN 20065180 PubMed ID: 10597312
TI Gamma-heregulin: a fusion gene of DOC-4 and **neuregulin**-1 derived

from a chromosome translocation.

AU Liu X; Baker E; Eyre H J; Sutherland G R; **Zhou M**
 CS Victor Chang Cardiac Research Institute, Darlinghurst, NSW, Australia.
 SO ONCOGENE, (1999 Nov 25) 18 (50) 7110-4.
 Journal code: 8711562. ISSN: 0950-9232.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200001
 ED Entered STN: 20000114
 Last Updated on STN: 20000114
 Entered Medline: 20000104

L10 ANSWER 4 OF 5 MEDLINE on STN
 AN 1999069430 MEDLINE
 DN 99069430 PubMed ID: 9852099
 TI Release of the **neuregulin** functional polypeptide requires its cytoplasmic tail.
 AU Liu X; Hwang H; Cao L; Wen D; Liu N; Graham R M; **Zhou M**
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Dec 18) 273 (51) 34335-40.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199901
 ED Entered STN: 19990209
 Last Updated on STN: 20000303
 Entered Medline: 19990126

L10 ANSWER 5 OF 5 MEDLINE on STN
 AN 1999007260 MEDLINE
 DN 99007260 PubMed ID: 9789034
 TI Domain-specific gene disruption reveals critical regulation of **neuregulin** signaling by its cytoplasmic tail.
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham R M; **Zhou M**
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Oct 27) 95 (22) 13024-9.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199811
 ED Entered STN: 19990106
 Last Updated on STN: 20000303
 Entered Medline: 19981124

=> s 13 and "cell-cell adhesion"
 L11 0 L3 AND "CELL-CELL ADHESION"

=> s 13 and adhesion
 L12 1 L3 AND ADHESION

=> d 112

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:436709 CAPLUS
 DN 135:71647
 TI Application of growth factor **neuregulin** and its analogs
 IN Qiu, Liequn; **Zhou, Mingdong**
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

=> s l3 and disarray
 L13 0 L3 AND DISARRAY

=> s l3 and MAP
 L14 2 L3 AND MAP

=> d l14 1-2

L14 ANSWER 1 OF 2 MEDLINE on STN
 AN 2002486406 MEDLINE
 DN 22233215 PubMed ID: 12145742
 TI **Neuregulin** 1 and susceptibility to schizophrenia.
 AU Stefansson Hreinn; Sigurdsson Engilbert; Steinhorsdottir Valgerdur;
 Bjornsdottir Soley; Sigmundsson Thordur; Ghosh Shyamali; Brynjolfsson Jon;
 Gunnarsdottir Steinunn; Ivarsson Omar; Chou Thomas T; Hjaltason Omar;
 Birgisdottir Birgitta; Jonsson Helgi; Gudnadottir Vala G; Gudmundsdottir
 Elsa; Bjornsson Asgeir; Ingvarsson Brynjolfur; Ingason Andres; Sigfusson
 Sigmundur; Hardardottir Hronn; Harvey Richard P; Lai Donna; **Zhou**
Mingdong; Brunner Daniela; Mutel Vincent; Gonzalo Acuna; Lemke Greg;
 Sainz Jesus; Johannesson Gardar; Andresson Thorkell; Gudbjartsson Daniel;
 Manolescu Andrei; Frigge Michael L; Gurney Mark E; Kong Augustine; Gulcher
 Jeffrey R; Petursson Hannes; Stefansson Kari
 CS deCODE Genetics, Reykjavik, Iceland.. kstefans@decode.is
 SO AMERICAN JOURNAL OF HUMAN GENETICS, (2002 Oct) 71 (4) 877-92.
 Journal code: 0370475. ISSN: 0002-9297.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-AF491780; GENBANK-BK000383; OMIM-142445; OMIM-181500; OMIM-603013
 EM 200210
 ED Entered STN: 20020926
 Last Updated on STN: 20030105
 Entered Medline: 20021028

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:441643 CAPLUS
 DN 133:54117
 TI Cardiac muscle function and manipulation using **neuregulin** or
neuregulin polypeptides, derivatives, and mimics
 IN **Zhou, Mingdong**
 PA The Victor Chang Cardiac Research Institute, Australia
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> s l3 and kinase
L15 3 L3 AND KINASE

=> d l15 1-3

L15 ANSWER 1 OF 3 MEDLINE on STN
AN 2000065180 MEDLINE
DN 20065180 PubMed ID: 10597312
TI Gamma-hereregulin: a fusion gene of DOC-4 and **neuregulin-1** derived from a chromosome translocation.
AU Liu X; Baker E; Eyre H J; Sutherland G R; **Zhou M**
CS Victor Chang Cardiac Research Institute, Darlinghurst, NSW, Australia.
SO ONCOGENE, (1999 Nov 25) 18 (50) 7110-4.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200001
ED Entered STN: 20000114
Last Updated on STN: 20000114
Entered Medline: 20000104

L15 ANSWER 2 OF 3 MEDLINE on STN
AN 1999007260 MEDLINE
DN 99007260 PubMed ID: 9789034
TI Domain-specific gene disruption reveals critical regulation of **neuregulin** signaling by its cytoplasmic tail.
AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham R M; **Zhou M**
CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Oct 27) 95 (22) 13024-9.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 20000303
Entered Medline: 19981124

L15 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:441643 CAPLUS
DN 133:54117
TI Cardiac muscle function and manipulation using **neuregulin** or
neuregulin polypeptides, derivatives, and mimics
IN **Zhou, Mingdong**
PA The Victor Chang Cardiac Research Institute, Australia
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l3 and heart
'AND' IS NOT A VALID FORMAT
'HEART' IS NOT A VALID FORMAT
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in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
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L3 ANSWER 1 OF 8 MEDLINE on STN DUPLICATE 1
AN 2003373557 IN-PROCESS
DN 22756867 PubMed ID: 12874607
TI Association study of **neuregulin** 1 gene with schizophrenia.
AU Yang J Z; Si T M; Ruan Y; Ling Y S; Han Y H; Wang X L; **Zhou M**;
Zhang H Y; Kong Q M; Liu C; Zhang D R; Yu Y Q; Liu S Z; Ju G Z; Shu L; Ma
D L; Zhang D
CS Institute of Mental Health, Peking University, Beijing 100083, China.
SO MOLECULAR PSYCHIATRY, (2003 Jul) 8 (7) 706-9.
Journal code: 9607835. ISSN: 1359-4184.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals

ED Entered STN: 20030812
Last Updated on STN: 20030812

=> s 13 and heart
L16 3 L3 AND HEART

=> d 116 1-3

L16 ANSWER 1 OF 3 MEDLINE on STN
AN 1999007260 MEDLINE
DN 99007260 PubMed ID: 9789034
TI Domain-specific gene disruption reveals critical regulation of
neuregulin signaling by its cytoplasmic tail.
AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham
R M; **Zhou M**
CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,
Darlinghurst, New South Wales 2010, Australia.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1998 Oct 27) 95 (22) 13024-9.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 20000303
Entered Medline: 19981124

L16 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:436709 CAPLUS
DN 135:71647
TI Application of growth factor **neuregulin** and its analogs
IN Qiu, Liequn; **Zhou, Mingdong**
PA Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L16 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:441643 CAPLUS
DN 133:54117
TI Cardiac muscle function and manipulation using **neuregulin** or
neuregulin polypeptides, derivatives, and mimics
IN **Zhou, Mingdong**
PA The Victor Chang Cardiac Research Institute, Australia
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1158998 A1 20011205 EP 1999-967856 19991221
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 PRAI AU 1998-7850 A 19981221
 WO 1999-AU1137 W 19991221
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l3 and cardiac
 L17 2 L3 AND CARDIAC

=> d l17 and 1-2
 'AND' IS NOT A VALID FORMAT
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 in at least one of the files. Refer to file specific help messages
 or the STNGUIDE file for information on formats available in
 individual files.
 REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):filedefault

L17 ANSWER 1 OF 2 MEDLINE on STN
 AN 1999007260 MEDLINE
 DN 99007260 PubMed ID: 9789034
 TI Domain-specific gene disruption reveals critical regulation of
neuregulin signaling by its cytoplasmic tail.
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham
 R M; **Zhou M**
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,
 Darlinghurst, New South Wales 2010, Australia.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (1998 Oct 27) 95 (22) 13024-9.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199811
 ED Entered STN: 19990106
 Last Updated on STN: 20000303
 Entered Medline: 19981124

L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:441643 CAPLUS
 DN 133:54117
 TI **Cardiac** muscle function and manipulation using
neuregulin or **neuregulin** polypeptides, derivatives, and
 mimics
 IN **Zhou, Mingdong**
 PA The Victor Chang Cardiac Research Institute, Australia
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT	5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> d 117 1-2

L17 ANSWER 1 OF 2 MEDLINE on STN
 AN 1999007260 MEDLINE
 DN 99007260 PubMed ID: 9789034
 TI Domain-specific gene disruption reveals critical regulation of **neuregulin** signaling by its cytoplasmic tail.
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham R M; **Zhou M**
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Oct 27) 95 (22) 13024-9.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199811
 ED Entered STN: 19990106
 Last Updated on STN: 20000303
 Entered Medline: 19981124

L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:441643 CAPLUS
 DN 133:54117
 TI **Cardiac** muscle function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics
 IN **Zhou, Mingdong**
 PA The Victor Chang Cardiac Research Institute, Australia
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				

IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1158998 A1 20011205 EP 1999-967856 19991221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
PRAI AU 1998-7850 A 19981221
WO 1999-AU1137 W 19991221
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l3 and autocrine
L18 0 L3 AND AUTOCRINE

=> s l3 and paracrine
L19 0 L3 AND PARACRINE

=> s neuregulin and "cardiac muscle"
L20 11 NEUREGULIN AND "CARDIAC MUSCLE"

=> s l20 and sarcomeric
L21 0 L20 AND SARCOMERIC

=> s neuregulin and sarcomeric
L22 3 NEUREGULIN AND SARCOMERIC

=> dup rem l22
PROCESSING COMPLETED FOR L22
L23 1 DUP REM L22 (2 DUPLICATES REMOVED)

=> d l23

L23 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1
AN 2000035172 MEDLINE
DN 20035172 PubMed ID: 10564160
TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, p70(S6K),
and MEK-MAPK-RSK.
AU Baliga R R; Pimental D R; Zhao Y Y; Simmons W W; Marchionni M A; Sawyer D
B; Kelly R A
CS Cardiovascular Division, Brigham and Women's Hospital and Harvard Medical
School, Boston 02115, Massachusetts.. rakelly@rics.bwh.harvard.edu
NC F32-HL-09243 (NHLBI)
HL-36141 (NHLBI)
T32-HL-07604 (NHLBI)
SO AMERICAN JOURNAL OF PHYSIOLOGY, (1999 Nov) 277 (5 Pt 2) H2026-37.
Journal code: 0370511. ISSN: 0002-9513.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199912
ED Entered STN: 20000113
Last Updated on STN: 20000113
Entered Medline: 19991220

=> dup rem l20

PROCESSING COMPLETED FOR L20

L24 5 DUP REM L20 (6 DUPLICATES REMOVED)

=> d l24 1-5

L24 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:441643 CAPLUS

DN 133:54117

TI **Cardiac muscle** function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics

IN Zhou, Mingdong

PA The Victor Chang Cardiac Research Institute, Australia

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 2 OF 5 MEDLINE on STN

DUPLICATE 1

AN 2000069730 MEDLINE

DN 20069730 PubMed ID: 10601306

TI Synergistic roles of **neuregulin-1** and insulin-like growth factor-I in activation of the phosphatidylinositol 3-kinase pathway and cardiac chamber morphogenesis.

AU Hertig C M; Kubalak S W; Wang Y; Chien K R

CS University of California, San Diego/Salk Program in Molecular Medicine, Department of Medicine, Center for Molecular Genetics, University of California, San Diego, La Jolla, California 92093-0613, USA.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 24) 274 (52) 37362-9.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200001

ED Entered STN: 20000124

Last Updated on STN: 20000124

Entered Medline: 20000113

L24 ANSWER 3 OF 5 MEDLINE on STN

DUPLICATE 2

AN 2000062174 MEDLINE

DN 20062174 PubMed ID: 10597038

TI **Neuregulin** induces the expression of mesodermal genes in the
 ectoderm of *Xenopus laevis*.
 AU Chung H G; Chung H M
 CS Department of Biology Education, Seoul National University, Korea.
 SO MOLECULES AND CELLS, (1999 Oct 31) 9 (5) 497-503.
 Journal code: 9610936. ISSN: 1016-8478.
 CY KOREA (SOUTH)
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200002
 ED Entered STN: 20000218
 Last Updated on STN: 20000218
 Entered Medline: 20000210

L24 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 3
 AN 97203102 MEDLINE
 DN 97203102 PubMed ID: 9050820
 TI Cardiac endothelium and tissue growth.
 AU Balligand J L; Kelly R A; Smith T W
 CS Department of Medicine, Brigham and Women's Hospital and Harvard Medical
 School, Boston, MA 02115, USA.
 NC R37-HL36141 (NHLBI)
 SO PROGRESS IN CARDIOVASCULAR DISEASES, (1997 Jan-Feb) 39 (4) 351-60. Ref:
 105
 Journal code: 0376442. ISSN: 0033-0620.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, ACADEMIC)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199703
 ED Entered STN: 19970407
 Last Updated on STN: 19970407
 Entered Medline: 19970326

L24 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 4
 AN 96077110 MEDLINE
 DN 96077110 PubMed ID: 7477376
 TI Aberrant neural and cardiac development in mice lacking the ErbB4
neuregulin receptor.
 CM Comment in: Nature. 1995 Nov 23;378(6555):334-5
 AU Gassmann M; Casagrande F; Orioli D; Simon H; Lai C; Klein R; Lemke G
 CS Molecular Neurobiology Laboratory, Salk Institute for Biological Studies,
 La Jolla, California 92037, USA.
 SO NATURE, (1995 Nov 23) 378 (6555) 390-4.
 Journal code: 0410462. ISSN: 0028-0836.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199512
 ED Entered STN: 19960124
 Last Updated on STN: 20000303
 Entered Medline: 19951228

=> s neuregulin and adhesion

L25 75 NEUREGULIN AND ADHESION

=> s neuregulin and "cell-cell adhesion"

L26 0 NEUREGULIN AND "CELL-CELL ADHESION"

=> s neuregulin and cardiac and adhesion

L27 2 NEUREGULIN AND CARDIAC AND ADHESION

=> dup rem l27

PROCESSING COMPLETED FOR L27

L28 1 DUP REM L27 (1 DUPLICATE REMOVED)

=> d l28

L28 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1

AN 1999344005 MEDLINE

DN 99344005 PubMed ID: 10415516

TI The ins and outs of caveolar signaling. m2 muscarinic cholinergic receptors and eNOS activation versus **neuregulin** and ErbB4 signaling in **cardiac** myocytes.

AU Feron O; Zhao Y Y; Kelly R A

CS Department of Medicine, Brigham and Women's Hospital, Boston, Massachusetts 02115, USA.

NC HL36141 (NHLBI)

HL52320 (NHLBI)

SO ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1999 Jun 30) 874 11-9. Ref: 39

Journal code: 7506858. ISSN: 0077-8923.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 199908

ED Entered STN: 19990816

Last Updated on STN: 20000303

Entered Medline: 19990803

=> s neuregulin and cell and adhesion

L29 72 NEUREGULIN AND CELL AND ADHESION

=> dup rem l29

PROCESSING COMPLETED FOR L29

L30 50 DUP REM L29 (22 DUPLICATES REMOVED)

=> s l30 and MAP

L31 4 L30 AND MAP

=> dup rem l31

PROCESSING COMPLETED FOR L31

L32 4 DUP REM L31 (0 DUPLICATES REMOVED)

=> d l32 1-4

L32 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:268065 BIOSIS

DN PREV200300268065

TI MAPPING OF AN EXTRACELLULAR MATRIX INDUCED PROLIFERATION PATHWAY IN SCHWANN **CELLS**.

AU Iacovelli, J. A. (1); Geden, S. (1); Bott, M. (1); Fernandez-Valle, C. (1)

CS (1) Molecular Biology and Microbiology, University of Central Florida, Orlando, FL, USA USA

SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)

Vol. 2002, pp. Abstract No. 23.13. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience
Orlando, Florida, USA November 02-07, 2002 Society for Neuroscience

DT Conference
LA English

L32 ANSWER 2 OF 4 MEDLINE on STN
AN 2000180507 MEDLINE
DN 20180507 PubMed ID: 10713673
TI RAFTK/Pyk2 tyrosine kinase mediates the association of p190 RhoGAP with RasGAP and is involved in breast cancer **cell** invasion.
AU Zrihan-Licht S; Fu Y; Settleman J; Schinkmann K; Shaw L; Keydar I; Avraham S; Avraham H
CS Division of Experimental Medicine, Beth Israel Deaconess Medical Center, Harvard Institutes of Medicine, 4 Blackfan Circle, Boston, Massachusetts, MA 02115, USA.
NC CA76226 (NCI)
HL51456 (NHLBI)
HL55455 (NHLBI)
SO ONCOGENE, (2000 Mar 2) 19 (10) 1318-28.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200003
ED Entered STN: 20000407
Last Updated on STN: 20000407
Entered Medline: 20000324

L32 ANSWER 3 OF 4 MEDLINE on STN
AN 2000169588 MEDLINE
DN 20169588 PubMed ID: 10702796
TI Molecular requirements for the effect of **neuregulin** on **cell** spreading, motility and colony organization.
AU Chaousovsky A; Waterman H; Elbaum M; Yarden Y; Geiger B; Bershadsky A D
CS Department of Molecular Cell Biology, The Weizmann Institute of Science, Rehovot 76100, Israel.
SO ONCOGENE, (2000 Feb 17) 19 (7) 878-88.
Journal code: 8711562. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200003
ED Entered STN: 20000327
Last Updated on STN: 20000327
Entered Medline: 20000316

L32 ANSWER 4 OF 4 MEDLINE on STN
AN 2000259880 MEDLINE
DN 20259880 PubMed ID: 10797306
TI Ectopic expression of the ErbB-3 binding protein ebpl inhibits growth and induces differentiation of human breast cancer **cell** lines.
AU Lessor T J; Yoo J Y; Xia X; Woodford N; Hamburger A W
CS Molecular and Cellular Biology Program, University of Maryland, Baltimore, Maryland 21201, USA.
NC R01CA76047 (NCI)
SO JOURNAL OF CELLULAR PHYSIOLOGY, (2000 Jun) 183 (3) 321-9.
Journal code: 0050222. ISSN: 0021-9541.
CY United States

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200005
ED Entered STN: 20000606
Last Updated on STN: 20000606
Entered Medline: 20000522

=> s neuregulin and remodelling
L33 1 NEUREGULIN AND REMODELLING

=> d l33

L33 ANSWER 1 OF 1 MEDLINE on STN
AN 2001140470 MEDLINE
DN 21066804 PubMed ID: 11146623
TI Transcriptional repression of oestrogen receptor by metastasis-associated protein 1 corepressor.
AU Mazumdar A; Wang R A; Mishra S K; Adam L; Bagheri-Yarmand R; Mandal M; Vadlamudi R K; Kumar R
CS Department of Molecular and Cellular Oncology, University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, Texas 77030, USA.
NC CA16672 (NCI)
CA65746 (NCI)
CA80066 (NCI)
CA84456 (NCI)
SO NATURE CELL BIOLOGY, (2001 Jan) 3 (1) 30-7.
Journal code: 100890575. ISSN: 1465-7392.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200103
ED Entered STN: 20010404
Last Updated on STN: 20020910
Entered Medline: 20010308

=> s neuregulin and heart
L34 160 NEUREGULIN AND HEART

=> s l34 and adhesion
L35 3 L34 AND ADHESION

=> dup rem l35
PROCESSING COMPLETED FOR L35
L36 3 DUP REM L35 (0 DUPLICATES REMOVED)

=> d l36 1-3

L36 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:436709 CAPLUS
DN 135:71647
TI Application of growth factor **neuregulin** and its analogs
IN Qiu, Liequn; Zhou, Mingdong
PA Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.
CODEN: CNXXEV
DT Patent
LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L36 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:473404 CAPLUS

DN 132:33554

TI The ins and outs of caveolar signaling: m2 muscarinic cholinergic receptors and eNOS activation versus **neuregulin** and ErbB4 signaling in cardiac myocytes

AU Feron, Olivier; Zhao, You-Yang; Kelly, Ralph A.

CS Department of Medicine, Cardiovascular Division, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 02115, USA

SO Annals of the New York Academy of Sciences (1999), 874(Heart in Stress), 11-19

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal; General Review

LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 3 MEDLINE on STN

AN 97311398 MEDLINE

DN 97311398 PubMed ID: 9168115

TI **Neuregulin-2**, a new ligand of ErbB3/ErbB4-receptor tyrosine kinases.

AU Carraway K L 3rd; Weber J L; Unger M J; Ledesma J; Yu N; Gassmann M; Lai C
CS Department of Cell Biology, Harvard Medical School, Beth Israel Hospital, Boston, Massachusetts 02215, USA.

SO NATURE, (1997 May 29) 387 (6632) 512-6.
Journal code: 0410462. ISSN: 0028-0836.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199706

ED Entered STN: 19970630

Last Updated on STN: 20000303

Entered Medline: 19970619

=> s neuregulin and "cardiac muscle"

L37 11 NEUREGULIN AND "CARDIAC MUSCLE"

=> s 137 and adhesion

L38 0 L37 AND ADHESION

=> s 137 and MAP

L39 1 L37 AND MAP

=> d 139

L39 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:441643 CAPLUS

DN 133:54117

TI **Cardiac muscle** function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics

IN Zhou, Mingdong

PA The Victor Chang Cardiac Research Institute, Australia
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI AU 1998-7850	A		19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT 5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> dup rem l37
PROCESSING COMPLETED FOR L37
L40 5 DUP REM L37 (6 DUPLICATES REMOVED)

=> d 140 1-5

L40 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:441643 CAPLUS
DN 133:54117
TI **Cardiac muscle** function and manipulation using
neuregulin or **neuregulin** polypeptides, derivatives, and
mimics
IN Zhou, Mingdong
PA The Victor Chang Cardiac Research Institute, Australia
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI AU 1998-7850	A		19981221		

WO 1999-AU1137 W 19991221

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 1
AN 2000069730 MEDLINE
DN 20069730 PubMed ID: 10601306
TI Synergistic roles of **neuregulin**-1 and insulin-like growth factor-I in activation of the phosphatidylinositol 3-kinase pathway and cardiac chamber morphogenesis.
AU Hertig C M; Kubalak S W; Wang Y; Chien K R
CS University of California, San Diego/Salk Program in Molecular Medicine, Department of Medicine, Center for Molecular Genetics, University of California, San Diego, La Jolla, California 92093-0613, USA.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 24) 274 (52) 37362-9.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200001
ED Entered STN: 20000124
Last Updated on STN: 20000124
Entered Medline: 20000113

L40 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 2
AN 2000062174 MEDLINE
DN 20062174 PubMed ID: 10597038
TI **Neuregulin** induces the expression of mesodermal genes in the ectoderm of *Xenopus laevis*.
AU Chung H G; Chung H M
CS Department of Biology Education, Seoul National University, Korea.
SO MOLECULES AND CELLS, (1999 Oct 31) 9 (5) 497-503.
Journal code: 9610936. ISSN: 1016-8478.
CY KOREA (SOUTH)
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200002
ED Entered STN: 20000218
Last Updated on STN: 20000218
Entered Medline: 20000210

L40 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 3
AN 97203102 MEDLINE
DN 97203102 PubMed ID: 9050820
TI Cardiac endothelium and tissue growth.
AU Balligand J L; Kelly R A; Smith T W
CS Department of Medicine, Brigham and Women's Hospital and Harvard Medical School, Boston, MA 02115, USA.
NC R37-HL36141 (NHLBI)
SO PROGRESS IN CARDIOVASCULAR DISEASES, (1997 Jan-Feb) 39 (4) 351-60. Ref: 105
Journal code: 0376442. ISSN: 0033-0620.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199703
ED Entered STN: 19970407

Last Updated on STN: 19970407
Entered Medline: 19970326

L40 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 4
AN 96077110 MEDLINE
DN 96077110 PubMed ID: 7477376
TI Aberrant neural and cardiac development in mice lacking the ErbB4
neuregulin receptor.
CM Comment in: Nature. 1995 Nov 23;378(6555):334-5
AU Gassmann M; Casagrande F; Orioli D; Simon H; Lai C; Klein R; Lemke G
CS Molecular Neurobiology Laboratory, Salk Institute for Biological Studies,
La Jolla, California 92037, USA.
SO NATURE, (1995 Nov 23) 378 (6555) 390-4.
Journal code: 0410462. ISSN: 0028-0836.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199512
ED Entered STN: 19960124
Last Updated on STN: 20000303
Entered Medline: 19951228